

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BETA-AMYRIN

Plant	Part	Low PPM	High PPM	StdDev	Reference
Chrysanthemum cinerariifolium	Flower				--
Vitis vinifera	Leaf				--
Hemidesmus indicus	Root				--
Glechoma hederacea	Plant				--
Triticum aestivum	Seed				--
Mirabilis jalapa	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
Myrica cerifera	Stem				--
Myrica cerifera	Leaf				--
Terminalia arjuna	Leaf				Chauhan, S. M. S., Parkash, S., Kaushik, R. 1997. Isolation of 3-beta-hydroxyolean-12-ene and Related Triterpenoids from the Leaves of Terminalia arjuna. Indian J. Chem. 36B 3: 297-298.
Myrica cerifera	Fruit				--
Spartium junceum	Flower				--
Gossypium sp	Plant				--
Sambucus nigra	Flower				--
Psidium guajava	Fruit				--
Taraxacum officinale	Flower				--
Teucrium polium	Plant				Rizk, A.F.M., The Phytochemistry of the Flora of Qatar, Scientific and Applied Research Centre, University of Qatar, Kingprint, Richmond, UK, 1986.
Albizia lebbeck	Flower				Wealth of India.
Panax quinquefolius	Seed Oil				--
Ligustrum japonicum	Flower				--
Pimpinella anisum	Seed				Newall, C. A., Anderson, L. A. and Phillipson, J. D. 1996. Herbal Medicine - A Guide for Health-care Professionals. The Pharmaceutical Press, London. 296pp.
Glycyrrhiza glabra	Tissue Culture				--
Mitchella repens	Plant				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Gentiana lutea</i>	Root				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Pimpinella anisum</i>	Plant				--
<i>Sarcostemma acidum</i>	Plant				--
<i>Sarracenia purpurea</i>	Shoot				--
<i>Rosmarinus officinalis</i>	Plant				--
<i>Sarracenia purpurea</i>	Root				--
<i>Rosmarinus officinalis</i>	Shoot		13.0		--
<i>Brassica oleracea</i> var. <i>botrytis</i> l.	Bud				--
<i>Cichorium intybus</i>	Seed				--
<i>Trilisa odoratissima</i>	Leaf				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Calotropis</i> sp.	Bark				--
<i>Bidens pilosa</i>	Plant		307.5	-1.0	Jim Duke's personal files.
<i>Centaurea calcitrapa</i>	Plant				--
<i>Sesamum indicum</i>	Seed Oil				--
<i>Cocos nucifera</i>	Seed Oil				Jim Duke's personal files.
<i>Euphorbia hirta</i>	Plant				--
<i>Teucrium scordium</i>	Plant				ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Juniperus communis</i>	Stem				--
<i>Acacia senegal</i>	Bark				Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Prunella vulgaris</i>	Plant				--
<i>Plantago ovata</i>	Seed				--
<i>Eucalyptus globulus</i>	Wood		9.0		--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Viburnum opulus</i>	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Boswellia serrata</i>	Resin, Exudate, Sap				--
<i>Phragmites australis</i>	Shoot				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Arctium lappa</i>	Plant				Jim Duke's personal files.
<i>Nigella sativa</i>	Seed Oil				--
<i>Verbascum thapsus</i>	Leaf				--
<i>Verbascum thapsus</i>	Stem				--
<i>Centaurium erythraea</i>	Plant				--
<i>Verbascum thapsus</i>	Seed				--
<i>Polygala tenuifolia</i>	Root				--
<i>Verbascum thapsus</i>	Root				--
<i>Lycopersicon esculentum</i>	Fruit				--
<i>Viburnum opulus</i>	Root Bark				--
<i>Tussilago farfara</i>	Leaf				--
<i>Viburnum prunifolium</i>	Root Bark				--
<i>Momordica charantia</i>	Seed Oil				Jim Duke's personal files.
<i>Kalanchoe pinnata</i>	Leaf				--
<i>Arctostaphylos uva-ursi</i>	Leaf				--
<i>Oenothera biennis</i>	Fruit				--
<i>Vitis vinifera</i>	Stem				--
<i>Medicago sativa</i>	Plant				--
<i>Ulex europaeus</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Brassica oleracea var. botrytis l.	Flower				--
Medicago sativa	Fruit		15.0		--
Medicago sativa	Seed Essent. Oil				--
Arctium lappa	Leaf				--
Cucumis sativus	Fruit				--
Viburnum prunifolium	Bark				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Lactuca scariola	Plant				--
Euphorbia pulcherrima	Plant				--
Brassica oleracea var. italica	Bud				Jim Duke's personal files.
Ilex paraguariensis	Leaf				--
Coccinia grandis	Fruit				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Asclepias syriaca	Sprout Seedling				--
Chrysanthemum x morifolium	Flower				Wealth of India.
Daucus carota	Root				--
Helianthus annuus	Seed				--
Eupatorium odoratum	Leaf				Tramil
Rubus fruticosus	Leaf				--
Pisum sativum	Seed				--
Rubus fruticosus	Plant				--
Lactuca virosa	Plant				--
Vaccinium myrtillus	Leaf				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Thevetia peruviana	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Plumeria acutifolia</i>	Latex Exudate				--
<i>Rhododendron ferrugineum</i>	Leaf				--
<i>Erythroxylum coca</i>	Leaf				--
<i>Fagopyrum esculentum</i>	Seed				--
<i>Hypericum perforatum</i>	Shoot				--
<i>Glycine max</i>	Sprout Seedling				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Swertia chirata</i>	Plant				--
<i>Jatropha curcas</i>	Bark				--
<i>Morus alba</i>	Root Bark				--
<i>Artemisia annua</i>	Plant				Wright, C.W. (Ed) 2002. Medicinal & Aromatic Plants-Industrial Profiles. Artemisia. 344pp. Maffei, M. (Ed) 2002. Vetiveria. The Genus Vetiveria. Taylor & Francis. NY, NY. 191pp. Southwell, I., Lowe, R. (Eds) 1999. Tea Tree. The Genus Melaleuca. Harwood Acad. Pub. Amsterdam, Netherlands.
<i>Acacia leucophloea</i>	Plant				--
<i>Aesculus hippocastanum</i>	Seed Oil				Jim Duke's personal files.
<i>Panax ginseng</i>	Seed Oil				--
<i>Ricinus communis</i>	Leaf				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
<i>Ficus carica</i>	Leaf				--
<i>Calendula officinalis</i>	Flower				--
<i>Glycyrrhiza glabra</i>	Root				--
<i>Viscum album</i>	Resin, Exudate, Sap				--
<i>Olea europaea</i>	Leaf				Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Glycine max</i>	Seed				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
Duchesnea indica	Plant				--
Salvia officinalis	Leaf		1000.0		--
Salvia officinalis	Plant				--
Zea mays	Shoot				--
Gaultheria procumbens	Leaf				--
Gaultheria procumbens	Shoot				--
Vitellaria paradoxa	Plant				--
Cucumis melo	Seed				Chemical Constituents of Oriental Herbs (3 diff. books)
Teucrium chamaedrys	Plant				Abstract (See species file)
Vernonia cinerea	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
Tilia sp.	Leaf				--
Camellia sinensis	Seed Oil		76.0		--
Iris x germanica	Rhizome				--
Phoenix dactylifera	Pollen Or Spore				Abstract (See species file)
Capsicum annuum	Seed				--
Pterocarpus santalinus	Plant				--
Oenothera biennis	Inflorescence				--
Acacia nilotica	Root				--
Taraxacum officinale	Root				--
Vitellaria paradoxa	Seed Oil				Itoh, O., Uetsuki, T., Tamura, T., Matsumoto, A. 1980. Characterization of Triterpene Alcohols of Seed Oils From Some Species of Theaceae, Phytolaccaceae and Sapotaceae. Lipids 15 6: 407-411.
Aesculus hippocastanum	Bark				--
Camellia japonica	Leaf				Wealth of India.
Camellia japonica	Seed				Wealth of India.

Plant	Part	Low PPM	High PPM	StdDev	Reference
Oenothera biennis	Seed	47.0	100.0		--
Chimaphila umbellata	Plant	2100.0	2125.0	1.0	List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.